

#35

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement

ATTY. DKT. NO. 5659-02500

SERIAL NO. 09/841,299

APPLICANT: de Rouffignac et al.

CONFIRMATION NO.: 3896

FILING DATE: April 24, 2001

GROUP: 3672

RECEIVED**OTHER ART**

EXAM. INITIALS	REF. DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)	AUG 19 2004
GS	OA-01	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,446 mailed September 19, 2002 (17 pages).	OFFICE OF PERTINENT
	OA-02	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,308 mailed November 14, 2002 (19 pages).	
	OA-03	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,446 mailed October 10, 2002 (20 pages).	
	OA-04	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,446 mailed August 12, 2003 (16 pages).	
	OA-05	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,439 mailed November 4, 2002 (13 pages).	
	OA-06	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061 mailed May 20, 2002 (15 pages).	
	OA-07	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061 mailed December 2, 2002 (16 pages).	
	OA-08	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061 mailed June 9, 2003 (13 pages).	
	OA-09	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061 mailed November 26, 2003 (7 pages).	
	OA-10	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,128 mailed August 27, 2002 (23 pages).	
	OA-11	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,128 mailed March 11, 2003 (23 pages).	
	OA-12	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,128 mailed August 19, 2003 (20 pages).	
	OA-13	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,493 mailed October 31, 2002 (13 pages).	
	OA-14	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302 mailed January 23, 2003 (19 pages).	
	OA-15	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302 mailed July 21, 2003 (20 pages).	
	OA-16	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302 mailed January 9, 2004 (4 pages).	
	OA-17	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,440 mailed December 18, 2002 (19 pages).	
GS	OA-18	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,351 mailed July 19, 2004 (12 pages).	

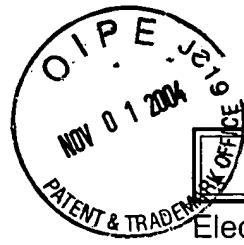
EXAMINER:

George Suchfield

DATE CONSIDERED:

11/16/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with
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#37

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of Invention	IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO INCREASE A POROSITY OF THE FORMATION				
Application Number:	09/841299 				
Confirmation Number:	3896				
First Named Applicant:	Eric de Rouffignac				
Attorney Docket Number:	5659-02500				
Art Unit:	3672				
Examiner:	George A. Suchfield				
Search string:	(3017168 or 3434541 or 4598772 or 5456315).pn.				
RECEIVED NOV 4 2004 GROUP 3600					
US Patent Documents					
Note: Applicant is not required to submit a paper copy of cited US Patent Documents					
init	Cite.No.	Patent No.	Date	Patentee	Kind Class Subclass
G9	1	3017168	1962-01-16	Carr	
1	2	3434541	1969-03-25	Cook et al.	
	3	4598772	1986-07-08	Holmes	
G9	4	5456315	1995-10-10	Kisman et al.	
Signature					
Examiner Name				Date	
George Suchfield				11/16/04	

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ATTY. DKT. NO. 5659-02500

APPLICANT: de Rouffignac et al.

FILING DATE: April 24, 2001

SERIAL NO. 09/841,290

GROUP: 3672

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U.S. PATENT DOCUMENTS

GROUP 3600

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	S5	2,857,002	10/21/1958	Pevere et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
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	T03	Burnham et al. "A Possible Méchanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).
	T04	Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).
	T05	Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).
	T06	Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).
	T07	Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)..
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	T10	Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piccance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72).
	T11	Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).
	T12	Yen et al., "Oil Shale" Developments in Petroleum Science, 5, Elsevier Scientific Publishing Co., 1976 (pages 187-198).
	T13	SSAB report, "A Brief Description of the Ljungstrom Method for Shale Oil Production," 1950, (12 pages).
	T14	Salomonsson G., SSAB report, "The Lungstrom In Situ-Method for Shale Oil Recovery, 1950 (28 pages)
	T15	"Swedish shale oil-Production method in Sweden," Organisation for European Economic Co-operation, 1952, (70 pages).
	T16	SSAB report, "Kvarn Torp" 1958, (36 pages).
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	T18	SSAB report, "Summary study of the shale oil works at Narkes Kvarntorp" (15 pages).
GS	T19	Vogel et al. "An Analog Computer for Studying Heat Transfer during a Thermal Recovery Process," AIME Petroleum Transactions, 1955 (pages 205-212).
*	T20	SKIFEROLJA GENOM UPPVÄRMNING AV SKIFFERBERGET, "Faxin-Department och Namder, 1941, (3 pages)

* not in compliance with MPEP Section 609

EXAMINER: George Suchfield

DATE CONSIDERED: 4/26/04

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	T21	"Aggregeringen av vatten och ransoneringen grunder", Av direktor E.F. Cederlund I Statens livsmedelskommission (1page)	
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	T24	Gejrot et al., "The Shale Oil Industry in Sweden," Carlo Colombo Publishers-Rome, Proceedings of the Fourth World Petroleum Congress, 1955 (8 pages)	
	T25	Hedbeck, T. J., The Swedish Shale as Raw Material for Production of Power, Oil and Gas," XIth Sectional Meeting World Power Conference, 1957 (9 pages)	
	T26	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand", 1955 Vol. 1, (141 pages) English	
	T27	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Figures", 1955 Vol. 2, (146 pages) English.	
	T28	"Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Memorandum re: tests", 1955 Vol. 3, (256 pages) English.	
	T29	Helander, R.E., "Santa Cruz, California, Field Test of Carbon Steel Burner Casings for the Lins Method of Oil Recovery", 1959 (38 pages) English.	
	T30	Helander et al., Santa Cruz, California, Field Test of Fluidized Bed Burners for the Lins Method of Oil Recovery" 1959, (86 pages) English.	
	T31	SSAB report, "Bradford Residual Oil, Athabasca Ft. McMurray" 1951, (207 pages), partial translation.	
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*	T33	SSAB "Annual Reports, SSAB Laboratory, Address Annually Issues-Shale and Ash, Oil, Gas, Waste Water, Analytical", 1953-1954, (166 pages). Swedish	
	T34	SSAB report, "Financial Matter, Swedish taxes, etc.," 1960-1961 (37 pages). Swedish	
	T35	SSAB report, "Cost For Mining," 1959-1979 (13 pages). Swedish	
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	T37	SSAB report, "Assessment of Future Mining Alternatives of Shale and Dolomite," 1962, (59 pages) Swedish.	
X	T38	SSAB report, "Kartong 2 Shale: Ljungstromsanlagningen" (104 pages) Swedish.	
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M	T40	SAAB report, "Swedish Geological Survey Report, Plan to Delineate Oil shale Resource In Narke's Area (near Kvarntorp)," 1941 (13 pages). Swedish.	
	T41	SAAB report, "Recovery Efficiency," 1941, (61 pages). Swedish.	
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	T44	SSAB report, "Inhopplingschema, Norrtorp II 20/3-17/8", 1945 (50 pages). Swedish.	
	T45	SSAB report, "Secondary Recovery after LINS," 1945 (78 pages)	
	T46	SSAB report, "Maps and Diagrams, Geology," 1947 (137 pages). Swedish.	
	T47	SSAB report, "Styrehseprotoholl," 1943 (10 pages). Swedish.	
*	T48	SSAB report, "Early Shale Retorting Trials" 1951-1952, (134 pages). Swedish.	

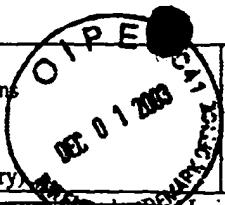
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EXAMINER: George Suchfield

DATE CONSIDERED: 4/26/04

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T49	SSAB report, "Properties of Tujunstrom Oil and its Use as Liquid Fuel," Thesis by E. Pals, 1949 (83 pages). Swedish.
T50	SSAB report, "Environmental Sulphur and Effect on Vegetation," 1951 (50 pages). Swedish.
T51	SSAB report, "Tor Sands", Vol. 135 1953 (20 pages, pages 12-15 translated). Swedish.
T52	SSAB report, "Assessment of Skanes Area (Southern Sweden) Shales as Fuel Source," 1954 (54 pages). Swedish.
T53	SSAB report, "From as Utre Dn Text Geology Reserves," 1960 (93 pages). Swedish.
T54	SSAB report, "Kvarntorps Environmental Area Assessment," 1981 (50 pages). Swedish.

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Electronic Version v18

Stylesheet Version v18.0

Title of Invention	IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO INCREASE A POROSITY OF THE FORMATION				
Application Number:	09/841299				*09/841299*
Confirmation Number:	3896				
First Named Applicant:	Eric de Rouffignac				
Attorney Docket Number:	5659-02500				
Art Unit:	3672				
Examiner:	George A Suchfield				
Search string:	(4931171 or 4737267 or 4384948 or 3593790 or 3497000 or 3244231 or 3223166 or 3947656 or 3165154 or 4458757).p				
<p style="text-align: right;">RECEIVED DEC 04 2003 GROUP 3800</p>					
US Patent Documents					
Note: Applicant is not required to submit a paper copy of cited US Patent Documents					
init	Cite.No.	Patent No.	Date	Patentee	Kind
68	1	4931171	1990-06-05	Piottet	
	2	4737267	1988-04-12	Pao et al.	
	3	4384948	1983-05-24	Barger	
	4	3593790	1971-07-20	Herce	
	5	3497000	1970-02-24	Hujšák et al.	
	6	3244231	1966-04-05	Grekel et al.	
	7	3223166	1965-12-14	Hunt et al.	
	8	3947656	1976-03-30	Lodi	
	9	3165154	1965-01-12	Santourian	
69	10	4458757	1984-07-10	Bock et al.	
Signature					
Examiner Name			Date		
George Suchfield			4/26/04		

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of Invention	IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO INCREASE A POROSITY OF THE FORMATION
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Application Number: 09/841299 *09/841299*

Confirmation Number: 3896

First Named Applicant: Eric de Rouffignac

Attorney Docket Number: 5659-02500

Art Unit: 3672

Examiner: George A Suchfield

Search string: (3026940 or 3947683 or 3285335 or 3456721).pn.

US Patent Documents

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
165	1	3026940	1962-03-27	Spitz			
1	2	3947683	1976-03-30	Schultz et al.			
1	3	3285335	1966-11-15	Reistle			
GS	4	3456721	1969-07-22	Smith			

Signature

Examiner Name	Date
George Suchfield	4/26/04



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<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>Init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>G9</td><td>1</td><td>4931171</td><td>1990-06-05</td><td>Plotter</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4737267</td><td>1988-04-12</td><td>Pao et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4384948</td><td>1983-05-24</td><td>Barger</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>3593790</td><td>1971-07-20</td><td>Herce</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>3497000</td><td>1970-02-24</td><td>Hujsak et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>3244231</td><td>1966-04-05</td><td>Grekel et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>3223166</td><td>1965-12-14</td><td>Hunt et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>3947656</td><td>1976-03-30</td><td>Lodi</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>3165154</td><td>1965-01-12</td><td>Santourian</td><td></td><td></td><td></td></tr><tr><td>G9</td><td>10</td><td>4458757</td><td>1984-07-10</td><td>Bock et al.</td><td></td><td></td><td></td></tr></tbody></table>						Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	G9	1	4931171	1990-06-05	Plotter					2	4737267	1988-04-12	Pao et al.					3	4384948	1983-05-24	Barger					4	3593790	1971-07-20	Herce					5	3497000	1970-02-24	Hujsak et al.					6	3244231	1966-04-05	Grekel et al.					7	3223166	1965-12-14	Hunt et al.					8	3947656	1976-03-30	Lodi					9	3165154	1965-01-12	Santourian				G9	10	4458757	1984-07-10	Bock et al.			
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Signature

Examiner Name	Date
George Suchfield	6/22/04